



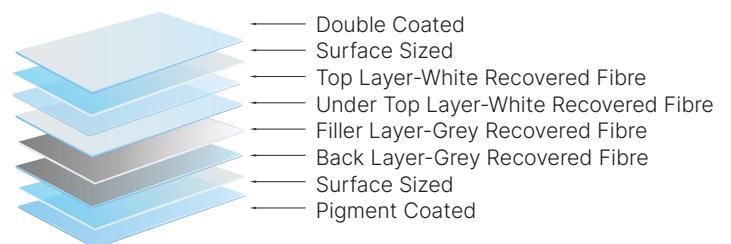
Eco Polar is a coated whiteback board designed for premium packaging applications. With its high-white shade, it offers enhanced branding opportunities and a sleek, modern appearance. The fully coated, smooth surface ensures exceptional print reproduction, while superior caliper consistency and stiffness provide strength and reliability. **Eco Polar's** excellent runnability makes it ideal for high-speed production lines, delivering consistent performance for folding cartons and other packaging solutions.

Specifications

Substance (GSM)	Caliper (μm)	Bending Resistance(L&W) mN		
Tappi T 410	Tappi T 411	Tappi T 556		
		MD	CD	GM
230	276	107	54	76
240	288	121	60	85
250	300	141	70	99
260	311	164	79	114
270	329	180	89	127
280	342	202	99	141
290	354	220	111	156
300	372	233	118	166
310	388	252	125	177
320	400	270	135	191
330	413	293	146	207
340	425	330	162	231
350	448	364	182	257
360	460	390	192	274
370	481	424	210	298
380	494	445	220	313
390	507	470	232	330
400	520	505	245	352
410	532	528	252	365
420	544	549	260	378
430	557	568	271	392
440	570	584	283	407
450	583	605	295	422
460	596	626	305	437
TOL: +-4%	+-5%			-15%

Parameter	Units	Value
Ply Bond (Avg.) QC/SOP/101, Tappi T 569	J/m ²	150 Min
Roughness PPS (Avg.) TOP GSM ≤ 300 GSM > 300 QC/SOP/102, Tappi T 555	μm	1.9 Max 2.1 Max
Brightness ISO(with UV-100%) TOP QC/SOP/110, ISO 2470	%	77 Min 72 Min
Surface Strength IGT Pick (Med.viscosity) TOP QC/SOP/104, ISO 3782 & 3783	m/s	0.70 Min
Gloss At 75° (Avg.) TOP QC/SOP/103, Tappi T 480	%	40 Min
Moisture GSM ≤ 300 GSM > 300 QC/SOP/99,Tappi T 412	%	7.0 ± 1.0 8.0 ± 1.0
COBB (60 sec) TOP BOT QC/SOP/100, Tappi T 441	g/m ²	50 Max 100 Max

Construction



Note:

1. All properties are according to ITC Limited, PSPD Unit Kovai measurements
2. Test climate 23°C±1 & 50%±2 RH
3. Tolerances are based upon 95% confidence limits of single mill measurements of conditioned random samples
4. The specifications in this folder are subject to change. For latest specifications, contact marketing.itcpspd@itc.in



Product can be supplied with FSC® Certification on request.